

**Amendments to the Drawings:**

The attached 5 sheets of drawings replaces the 5 sheets of drawings originally filed with the application. No amendments have been made. No new matter has been added

Attachment: 5 Replacement Sheets

**REMARKS**

Applicant hereby submits a Request for Continued Examination under 37 CFR 1.114 and requests that the finality of the office action dated 08/17/2004 be withdrawn. In addition, applicant requests reconsideration of the rejections set forth in the Office action dated 08/17/2004 under the provisions of 37 CFR §1.111(b).

On 5/14/03 a status request, a revocation and new power of attorney, and 5 sheets of formal drawings were sent to the PTO. Per a telephone voice mail message dated 11/30/04, the Examiner has not received the drawing sent on 5/14/03. Applicant includes 5 sheets of replacement drawings herewith. These drawings do not add new matter, nor do they have any amendments. The replacement drawings are of a more formal nature than those originally filed. Applicant requests that these drawings be used when the application issues.

Filed herewith is a petition for a one month extension of time and authorization to pay the appropriate fee.

Filed herewith is authorization to pay the RCE fee.

Claims 1, 5-8, 12-15, 19-22 and 25-27 are pending.

Claims 1, 5-8, 12-15, 19-22 and 25-27 stand rejected.

***I. Initial Comments***

Applicant is confused with the portion of paragraph 4 of the office action. In particular with "...which meets the limitation 'encrypting/decrypting of policy information'" because the quoted phrase is not used in the current claims or in the prior office action reply. Thus, applicant requests that the Examiner clearly explain the relevance of this phrase if it is again used in the next office action.

## ***II. Rejections under 35 USC §103(a)***

Claims 1, 5-8, 12-15, 19-22 and 25-27 stand rejected under 35 USC §103(a) as being unpatentable over Carroll (6,105,131) in view of Debry (6,314,521). This rejection of the claims is respectfully traversed in view of the following arguments.

A prima facie case of obviousness is established by one or more references that were available to the inventor and that teach a suggestion to combine or modify the reference, the combination or modification of which would appear to be sufficient to have made the claimed invention obvious to one of the ordinary skill in the art.

The currently amended claims 1, 8, 11, 22 and 27 include the limitation:

wherein ...; and the policy is at least one of a policy to access special paper stock, a policy to allow the network device to decrypt and print a document only if the network user was physically near the network device, a policy to print a selected watermark when printing the document, a policy to enable the network device to accept digital cash associated with an operation on the document, a policy to enable a billing function, a routing policy, and a policy to escrow a document.

These policies are disclosed in the instant application on page 11, line 23 through page 13, line 20.

- a policy to access special paper stock,
- a policy to allow the network device to decrypt and print a document only if the network user was physically near the network device,
- a policy to print a selected watermark when printing the document,
- a policy to enable the network device to accept digital cash associated with an operation on the document,
- a policy to enable a billing function,
- a routing policy,

- and a policy to escrow a document.

Carroll teaches a secure server system that uses digital certificates. The Examiner has agreed that Carroll does not teach a suggestion to use digital certificates with a printer, a copier, a scanner, or a facsimile machine. Further, Carroll does not teach a suggestion to use the claimed policies with these devices.

Debry teaches a printer device that uses digital certificates. Debry sets a unique (for each printer) encryption key into the printer at the time of manufacture (C8, lines 17-28). This key is subsequently used to obtain a digital certificate over the network from a certificate authority (C9, lines 15-35). Once the certificate is obtained, the printer is authenticated and can detect tampering of data sent to the printer as well as enforce a number of listed policies (C9, lines 45-58) (although the term “policy” is not included in Debry, a policy is known to those skilled in the art as one or more rules that specifies access rights and/or capabilities. Such a one will also understand that certificates can be used to enforce a policy).

Debry does not teach or suggest a policy to access special paper stock, a policy to allow the network device to decrypt and print a document only if the network user was physically near the network device, a policy to print a selected watermark when printing the document, a policy to enable the network device to accept digital cash associated with an operation on the document, a policy to enable a billing function, a routing policy, or a policy to escrow a document.

The fourth paragraph of the office action states that:

“... Debry teaches encrypting and decrypting the message request containing it's[sic] serial number (see abstract), which meets the limitation 'encrypting/decrypting of policy information'. The serial number is associated with the operation permission of the printer-usage policy.”

Applicant agrees that Debry teaches conventional and public-key cryptography. In addition, applicant agrees that one skilled in the art at the time of the invention would have understood the technology related to using certificates to enforce policies.

The fourth paragraph of the office action continues with:

“... Carroll teaches using the system for electronic payments and billing functions (see Fig. 3A-B).”

However, nothing in Carroll teaches anything about electronic payments or billing. Nothing in Carroll Figs. 3A-B or any other Figure teaches anything about electronic payments or billing. Figs. 3A-B and the associated text teach how to obtain and use an “organization certificate” (C6, lines 39-55; C7, lines 33-47; C8, lines 53-62; C9, lines 4-10). Applicant petitions the Examiner to explain in detail how Carroll can be considered to teach anything about electronic payments and billing functions.

Each of the independent claims includes the limitation:

wherein ...; and the policy is at least one of a policy to access special paper stock, a policy to allow the network device to decrypt and print a document only if the network user was physically near the network device, a policy to print a selected watermark when printing the document, a policy to enable the network device to accept digital cash associated with an operation on the document, a policy to enable a billing function, a routing policy, and a policy to escrow a document.

Nothing in Carroll and Debry, separately or combined, teaches or teaches a suggestion that would lead one skilled in the art to implement these policies in a method, a computer program, or a system. Thus, claims 1, 8, 11, 22 and 27 are patentable.

Claims 5-7 depend on and further limit currently amended claim 1 that is patentable. Thus, claims 5-7 are patentable.

## PATENT

Claims 12-14 depend on and further limit currently amended claim 8 that is patentable, Thus, claims 12-14 are patentable.

Claims 19-21 depend on and further limit currently amended claim 15 that is patentable, thus, claims 19-21 are patentable.

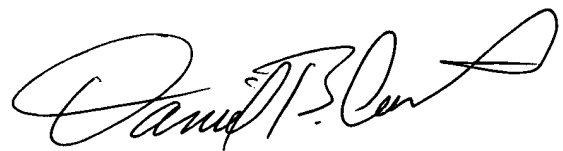
Claims 25-26 depend on and further limit currently amended claim 22 that is patentable, thus, claims 25-26 are patentable.

Since all rejections, objections and requirements contained in the outstanding official action have been fully answered or traversed and shown to be inapplicable to the present claims, it is respectfully submitted that reconsideration is now in order under the provisions of 37 CFR §1.111(b) and such reconsideration is respectfully requested. Upon reconsideration, it is also respectfully submitted that this application is in condition for allowance and such action is therefore respectfully requested.

However, the undersigned attorney authorized by Xerox Corporation hereby authorizes the charging of any necessary fees, other than the issue fee, to Xerox Corporation Deposit Account No. 24-0025. This also constitutes a request for any needed extension of time and authorization to charge all fees therefor to Xerox Corporation Deposit Account No. 24-0025.

Should any additional issues remain, or if I can be of any additional assistance, please do not hesitate to contact me at (650) 812-4259.

Respectfully submitted,



DANIEL B. CURTIS  
Attorney for Applicants  
Reg. No. 39,159  
(650) 812-4259  
dbcurtis@parc.com